

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040145290").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/08/18 18:26
S2	752	(445/7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/18 18:43
S4	2829	((313/118,143) or (123/143,169r)).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/21 16:43
S5	640	S4 and (diameter radius)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:26
S6	2	("1701401").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/08/18 18:55
S7	0	("1701401").URPN.	USPAT	OR	ON	2005/08/18 19:07
S8	13	((("4882925") or ("5128986") or ("5210457") or ("5760533") or ("5962957") or ("6414420") or ("6373173") or ("6741015") or ("6703770") or ("6806628") or ("6849995") or ("6809463") or ("6909226")).PN.	USPAT	OR	OFF	2005/08/18 19:22
S9	1	("2748932").PN.	USPAT	OR	OFF	2005/08/18 19:22
S10	9	("2748932").URPN.	USPAT	OR	ON	2005/08/18 19:25
S11	681	kennametal.as.	USPAT	OR	ON	2005/08/18 19:25
S12	3	S11 and tube same machine	USPAT	OR	ON	2005/08/18 19:25
S13	4	S5 and (pipe blank tube) same ((cold with forg\$3) (machining) (extrusion)) same (diameter radius)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 19:30

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S14	94	(spark near2 plug) and (pipe blank tube) same ((cold with forg\$3) (machining) (extrusion)) same (diameter radius)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 19:30
S15	0	("2004/0145290").URPN.	USPAT	OR	ON	2005/08/18 19:30
S16	35	("3186209").URPN.	USPAT	OR	ON	2005/08/18 19:31
S17	752	(445/7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 10:30
S18	2829	((313/118,143) or (123/143,169r)).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/08/19 10:30
S19	169	(S18 or S17) and (blank shell) with (tube\$3 hollow pipe\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 11:10
S20	67	(S17) and (blank shell) with (tube\$3 hollow pipe\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 11:03
S21	3	(S17) and (blank) with (tube\$3 hollow pipe\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:36
S22	0	("1726264").URPN.	USPAT	OR	ON	2005/08/19 10:40
S23	5	("5310373").URPN.	USPAT	OR	ON	2005/08/19 10:42
S24	9	("2783409" "2955222" "3407326" "4540910" "4695759" "4904216").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/19 10:45
S25	132721	"19" and extrusion	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 11:09

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S26	752	(445/7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 11:11
S27	2829	((313/118,143) or (123/143,169r)). CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/08/19 11:11
S28	17	(S27 or S26) and (blank shell) with (tube\$3 hollow pipe\$3) same (extrusion extrud\$3 die)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 11:37
S29	68	((spark glow) near plug) and (blank shell) with (tube\$3 hollow pipe\$3) same (extrusion extrud\$3 die)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:00
S30	51	S29 not S28	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 11:42
S31	1	("20030196468").PN.	US-PGPUB	OR	OFF	2005/08/19 11:42
S32	0	("2003/0196468").URPN.	USPAT	OR	ON	2005/08/19 11:53
S33	15	(US-20030196468-\$ or US-20040145290-\$).did. or (US-1701401-\$ or US-2748932-\$ or US-3759080-\$ or US-4520521-\$ or US-5088311-\$ or US-5310373-\$ or US-6580202-\$).did. or (US-1609735-\$ or US-1701401-\$ or US-1726264-\$ or US-1826404-\$ or US-3186209-\$).did. or (US-20030196468-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/21 15:55
S34	6	S33 and extru\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 15:55
S35	0	("2004/0145290").URPN.	USPAT	OR	ON	2005/11/21 15:56
S36	530	((Ando near Minoru) and (Mizoguchi near Takaaki) (Suzuki near Akira))in.	US-PGPUB; USPAT	OR	ON	2005/11/21 15:57

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S37	19	S36 and (spark adj plug)	US-PGPUB; USPAT	OR	ON	2005/11/21 15:57
S38	3706	((313/118,143) or (123/143,169r) or (445/7)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/28 10:59
S39	163	S38 and (radius diameter) with (tub\$4 pip\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:05
S42	32	S38 and (radius diameter) with (tub\$4 pip\$3) with ((equal) "same")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/21 16:48
S43	3726	((313/118,143) or (123/143,169r) or (445/7)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/28 17:19
S44	292	((spark glow) near plug) and (blank metal shell) same (tube\$3 hollow pipe\$3) same (extrusion extrud\$3 die)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:13
S46	20	S43 and (tube\$3 hollow pipe\$3) same (extrusion extrud\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 17:19
S47	42	S44 and S43	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:10
S48	1	("6357274").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 11:13
S49	6	("3759080" "4291568" "4352283" "5088311").PN. OR ("6357274").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 11:18

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S50	4290	((Ando near2 Minoru) (Mizoguchi near2 Takaaki) (Suzuki near2 Akira)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:27
S51	4290	((Ando near Minoru) (Mizoguchi near Takaaki) (Suzuki near Akira)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:28
S52	19	S43 AND S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 11:29
S53	0	("2004/0145290").URPN.	USPAT	OR	ON	2006/04/28 12:38
S54	1	1997-024484.NRAN.	DERWENT	OR	ON	2006/04/28 12:41
S55	1	1997-024484.NRAN.	DERWENT	OR	ON	2006/04/28 16:51
S56	2236	(313/118,143).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/28 17:19
S57	22	S56 and (extrusion extrud\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 17:30
S58	571	S56 and (diameter radius)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 14:04
S59	0	("2004/0145290").URPN.	USPAT	OR	ON	2006/09/13 16:42
S60	6	"6414420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:02
S61	1	("6414420").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 17:04

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S62	70177	((spark glow) near plug)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:08
S64	1012842	(inner through inside) with (diameter radius)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:06
S65	573595	(radius diameter) with (blank tub\$4 pip\$3 shell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:07
S66	1945	S62 and S64 same S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:09
S67	1827	S62 and S64 with S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:09
S68	3748	((313/118,143) or (123/143,169r) or (445/7)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 17:09
S69	191	S68 and S64 with S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:10
S70	614339	(extrusion extrud\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:12

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S71	48	S62 and S64 same S65 same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:13
S72	522	(72/340).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 17:35
S73	1311	(72/340,356).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 17:35
S74	53	S73 and S64 same S65 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 17:35